

First Response

Application Serial No.: 10/083,751

Filed: February 25, 2002

In the Claims

✓Please cancel Claims 1 and 2, without prejudice.

✓Please amend Claim 3 as follows:

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3. (Amended) A cylindrical commutator according to claim 5, further comprising second anchors, wherein the thickness of each hook is divided into two, and the internal side of the divided hook is bent toward the inside so as to be the second anchor.

Add the following new claims:

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5. (New) A cylindrical commutator comprising:
a plurality of mutually insulated segments arranged at equal intervals on the external periphery of a cylindrical surface, each of the segments including a hook for line connection extending from one end thereof, a groove formed on an inner surface thereof and one or more anchors extending along the groove over substantially the total length of the segment, the anchors being projected from the inner surface thereof;

a mold resin for fixing the segments in a cylindrical shape, the anchors being embedded therein; and

undercuts formed on the mold resin for separating the segments.

6. (New) A cylindrical commutator comprising:
a plurality of mutually insulated segments arranged at equal intervals on the external periphery of a cylindrical surface, each of the segments including a hook for line connection extending from one end thereof, a groove formed on an inner surface thereof and a pair of

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anchors on both sides of the groove extending over substantially the total length of the segment, the pair of anchors being connected with each other at the end of the groove on the side near the hooks and slanted to the groove at the other end of the groove;

a mold resin for fixing the segments in a cylindrical shape, the anchors being embedded therein; and

undercuts formed on the mold resin for separating the segments.